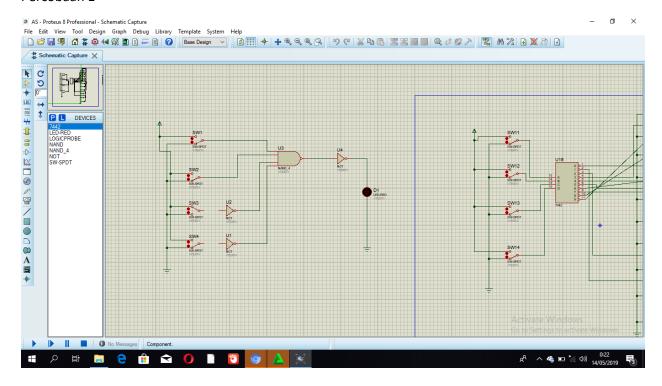
Nama: Dimas Kharismawan

Nim: L200180102

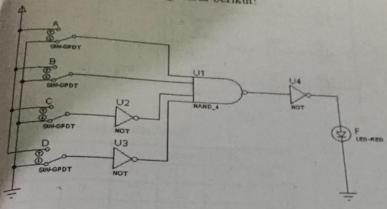
PRAKTIKUM 9

Percobaan 1



D H	E	TE	35	1	1	-	-	and a	214	4	200	D
7 1 24	272	100		900	3	L	18	M	24	18	34	6
7 18	100	100	85	31	N.	34	24	160	2	1		7
-	34	-	L	1	24	34	111	14	1	-	-	-
9 H	31	2.	7	100	TO SERVICE	1	-		1000	14	33	В
LT	×	To :		-	23	100	24	12	Th	38	H	9
The state of the s	-	X	X	X	11	11	14	34	34	22	Tw	9

percobaan 1. Membuat Rangkaian Decoder Sederhana Buat decoder seperti pada gambar berikut!

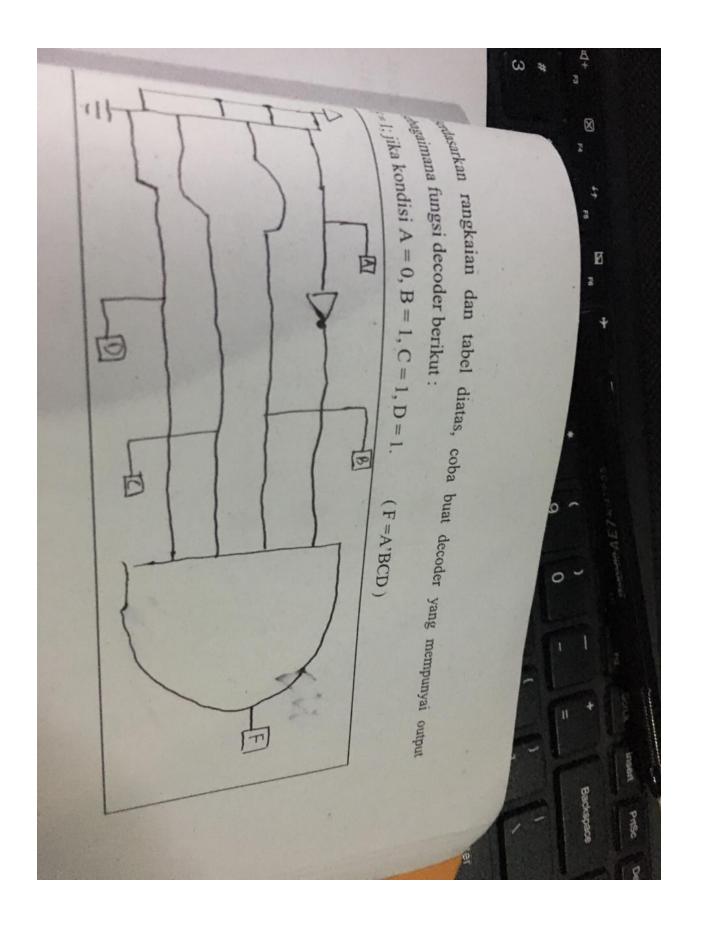


Isi kolom kosong pada tabel!

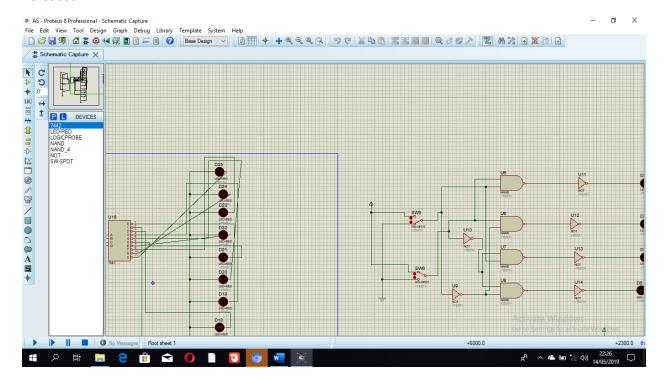
TA	1	В		C	D	F
10		0		0	0	0
1	1	0	1)	0	0
10	1	1	1)	0	0
1	+	1	0		0	1
0	+	0	1		0	G
1	1	0	1		0	0
0	-	1	1		0	0
1		1	1		0	0

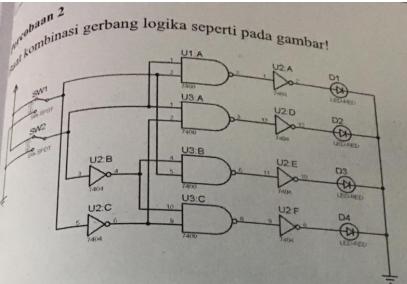
I	1	В	(1	D	1	F	7	
	0	0		0	1	1	6		
	1	0		0		1	(1	
	0	1		0		1		10	
	1	1	T	0	1			0	
T	0	0	1	1	1	1	1	0	1
T	1	0		1	1	1		0	1
1	0	1		1		1		0	
1	1		1		1		1	0	

coder (F) hanya bekerja (ON) ketika : A =, B =, C = dan D =



Percobaan 2





kosong dalam tabel!

kolola Ini	put	Output LED							
cW1	SW2	D1.	D2	D3	D4				
13/11	0	0	6	0	1				
10	1	0	1	0	0				
1	0	0	0	1	6				
1	1	1	0	6	6				

lasing-masing dioda(LED) menunjukan hasil output dari rangkaian kombinasi:

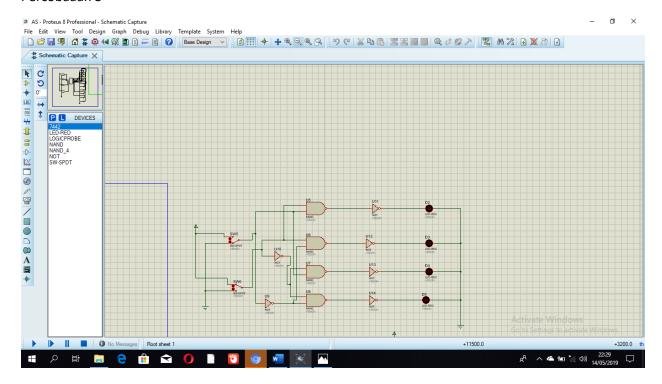
$$\eta = SW1 . SW2$$

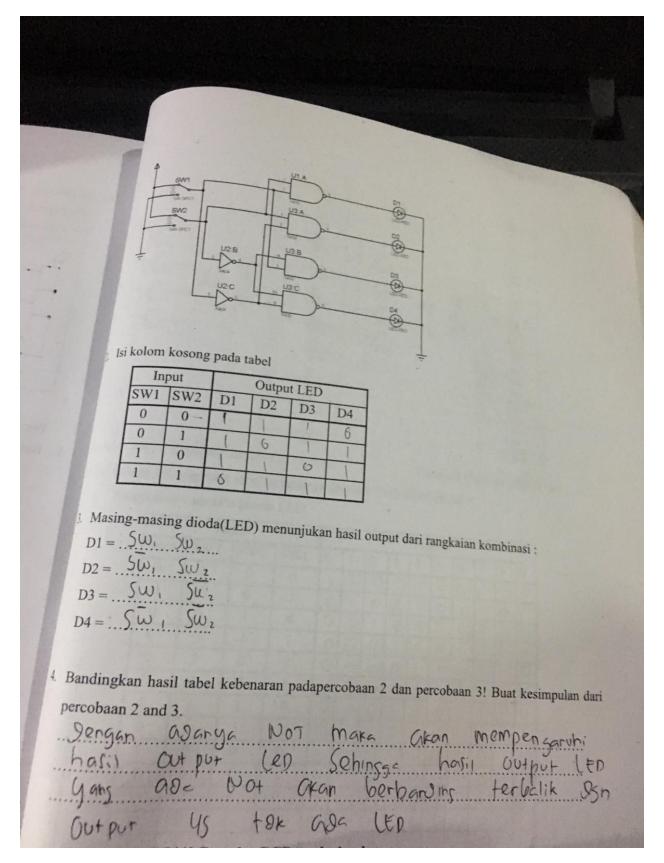
$$n = \overline{SW}, SW_2$$

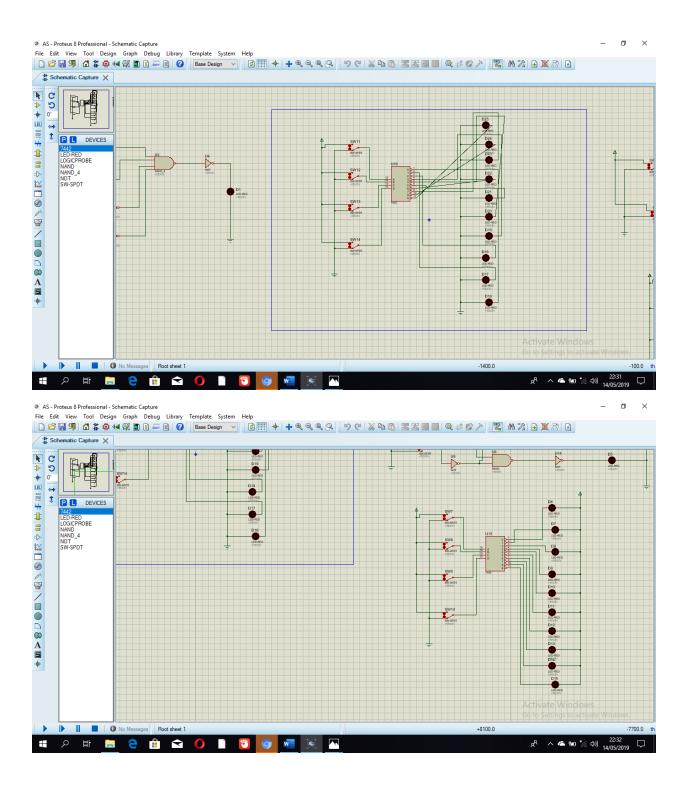
ercobaan 3

at kombinasi gerbang logika seperti pada gambar!

Percobaaan 3





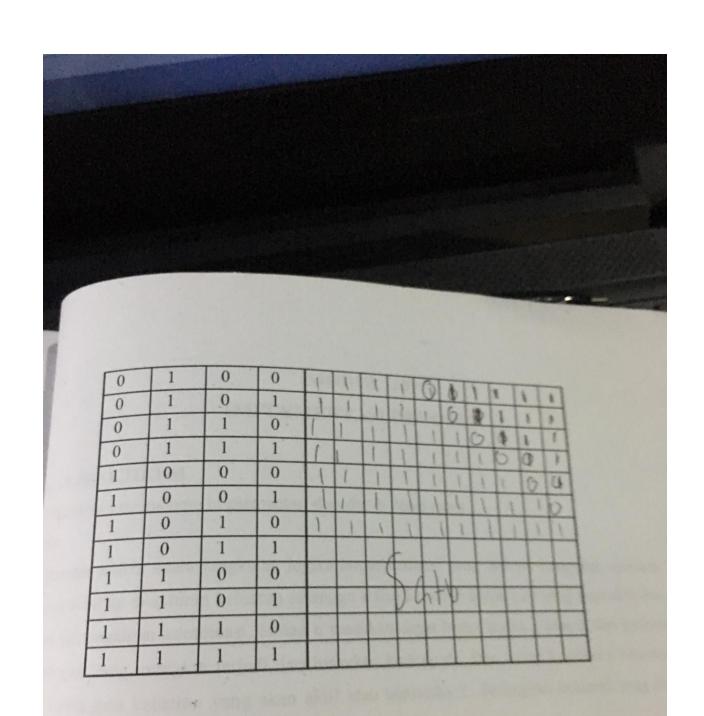


	The state of the s
22	The state of the s
Dig Dig	The state of the s
100 (13)	
010 (H3)	Con
Common anode LED circuit	Dro Dro
wosong pada tabel kebenaran d	Comm
kolom kosong pada tabel kebenaran dec	Common Cathode LED circuit

gkare				an ini;
-	-			
SW	4 SW3	SW2	SW1	Output
0	0	0	0	1 6 6 7 8 8
0	0	0	1	1000000000
0		1	0	0600000000
0	0	1	1	00000000
0	1	0	0	06000000
0	1	0	1	000000000000000000000000000000000000000
0	1	1	0	6 6 6 6 6 6 6 6
0	1	1	1	00000160
1	0	0	0	000000000
1	0	0	1	000000000000
1	0	1	0	00000000
	0	1	1	0 0 0 0 0 0 0 0
	1	0	0	9999999
	1	0	1	
	1	1	0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	1	1	1	
	SW- 0 0 0 0 0	SW4 SW3 0 0 0 0 0 0 0 0 0 1 0 1 0 1 1 0 1 0 1 1 1 1 1 1	SW4 SW3 SW2 0 0 0 0 0 0 0 0 1 0 1 0 0 1 0 0 1 1 1 0 0 1 0 0 1 0 0 1 0 0 1 1 1 0 0 1 0 1 1 0 0 1 0 1 1 0 0 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1	SW4 SW3 SW2 SW1 0 0 0 0 0 0 0 0 1 0 0 1 0 0 1 0 0 0 1 0 0 0 1 1 0 0 0 1 1 1 1

Rangkaian common cathode LED

Input								Out	put				
SW4	SW3	SW2	SW1	0	1	2	3	4	5	6	7	8	9
0	0	0	0	0	1	1	1	1	1	1	1	1	
0	0	0	1	11	0	1	1	1	1	1	1	1	1
0	0	1	0	1	1	6	1	1	1	1	1	1	
0	0	1	1	1	1	1	0	11	1	1	1		



GAS

lari datasheet dari IC 7442! cari schematic yang menunjukan gerbang logika penya